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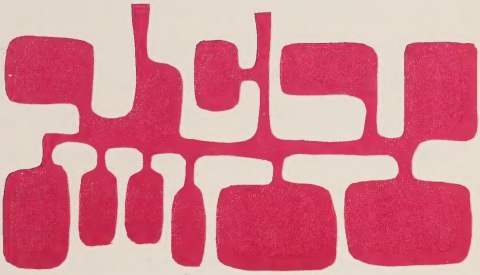

SCHOOL PLANNING & BUILDING RESEARCH

Ontario Department of Education

School planning and building research section of the School Business Administration Branch, Ontario Department of Education was established in June 1964 because of the marked increase and changes in school building. It provides guidance and assistance in anticipating the future needs of school building, and investigates the current need for space utilization to meet the educational program. Also it researches new building techniques and materials to obtain the most convenient building, through economic design and construction.

ACTIVITIES

The section ascertains the facilities needed for the existing educational program and anticipates the changes which may occur through the planning and development of teaching methods. Curriculum changes in elementary, secondary and post-secondary facilities such as colleges of applied arts and technology, teachers' colleges, colleges of education and special education areas including schools for the deaf, blind and emotionally disturbed are considered. It also acts as a guiding and reviewing authority for all post-secondary projects.

The section's cost analysis group investigates the nature and trends of school and college construction costs; undertakes special cost enquiries and reviews of expenditures; and continuously studies the provincial capital grant plan.

PUBLICATIONS

The section publishes brochures providing information, based on current school building research, for use by administrators, school boards, educators, architects, planners, and civil engineers.

CONSULTATION

The section provides a full consultation service to those interested in school building. It also cooperates with the Ontario Teachers' Federation, school business officials and others. Contacts are maintained in other provinces, with UNESCO agencies, and with other school research groups.

WORKSHOPS

Annual design workshops are held to:

— correlate and exchange the knowledge of educators and other professionals responsible for directing and planning educational facilities throughout Ontario.

— develop an understanding of the philosophies and objectives of authorities and individuals interested in education and school design.

— convey the section's research results; disucss and exchange ideas and problems with educators, administrators, architects, engineers and manufacturers.

RESEARCH PUBLICATIONS

- Special Education Facilities for the Emotionally Disturbed Children (1968)
- Rehabilitation and Renovation (1966)
- School Design Forum (1967)

ELEMENTARY

- Site (1967)
- Home Economics (1968)
- Library Resource Centres (1968)
- General Purpose Room (1969)

SECONDARY

- Physical Education (1965)
- Guidance Units (1965)
- Library Materials Centres (1966)
- Business and Commerce (1966)
- Technical and Occupational Shops (1968 & 1969)
- Science Laboratories (1968)
- Industrial Arts (1969)

POST-SECONDARY

- Guidelines for Planning Colleges of Applied Arts and Technology (1967)
- Master Planning (1969) (CAAT)
- Movement and Growth Patterns (1969) (CAAT)

DESIGN WORKSHOP PUBLICATIONS

Group reports, speeches, notes of School Design Workshop, Victoria Inn, Stratford, Ontario, April 18-19, 1967.

Group reports, speeches, notes of the Design Workshop of Colleges of Applied Arts and Technology, Scarborough College, Scarborough, Ontario, September 6-7, 1967.

Group reports, speeches, notes of School Design Workshop, Talisman Motor Hotel, Ottawa, Ontario, October 25-26, 1968.

Group reports, speeches, notes of School Design Workshop, Continental Inn, Barrie, Ontario, March 27-29, 1968.

Group reports, speeches, notes of the Design Workshop of Colleges of Applied Arts and Technology, University of Waterloo, Waterloo, Ontario, September 4-5, 1968.

S.T. Orlowski, Chief Research Architect.

A.F. Andersen, Research Architect.
(Elementary, Secondary, Technical)

R.J. Stirling, Research Architect.
(Post Secondary)

R.E. Mitchell,
Construction Cost Analyst.

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